

# UCHE EZETTE

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<https://github.com/ucEzette>

## Technical Support Specialist

Highly analytical AI Pilot and Software Developer with extensive experience in automated data extraction, web scraping, and AI-driven workflows. Proficient in building resilient scraping scripts for dynamic, JavaScript-rendered content and managing end-to-end data pipelines. Expertise includes leveraging Vibecode, LLMs, and Solidity to create innovative technical solutions. Committed to delivering high-quality, structured datasets and optimising hybrid AI-human systems for maximum efficiency.

## WORK EXPERIENCE

### Chainbase

06/2024 – Present

Chainbase is a data infrastructure platform

#### Community Lead • Part-time

Singapore

Represented major Web3 protocols in developer ecosystems, managing engagement in **Discord and Telegram** communities.

- Hosted workshops and educational sessions on **on-chain data tools**, assisting developers in integrating complex Web3 datasets into their local projects.
- **DeFi & Web3 Integration:** Proven track record of guiding partners through complex technical setups, troubleshooting decentralized applications, and managing smart contract integrations.
- **Technical Communication:** Adept at translating complex technical roadmap requirements into actionable support documentation and managing high-stakes partner relations via Discord and Telegram.
- **Visual Narrative & Design:** Expert in transforming intricate data and DeFi architectures into high-impact PowerPoint presentations for executive stakeholders and external partners.
- **Systems Orchestration:** Skilled in API orchestration and protocol-level problem-solving to ensure seamless platform adoption and ecosystem growth

### Gruve

08/2023 – 06/2024

#### Chatbot Solutions Engineer

Menlo Park

- Authored internal documentation and implementation guides that reduced partner onboarding time.
- Acted as the primary technical point of contact for partners, troubleshooting complex logic issues and providing real-time support via global communication channels.
- Led the end-to-end **technical integration** of Messenger chatbots for global clients, ensuring seamless connectivity between front-end interfaces and back-end APIs.

### DefiSports

05/2021 – 01/2024

#### Software Developer (Web3 & Automation)

Belize

- Engineered decentralised applications and automated scripts, integrating Solidity-based smart contracts with front-end data layers.
- Built and maintained data pipelines that extracted and processed information from various web sources to inform algorithmic decision-making.
- Enforced strict data quality standards through systematic verification and cross-source consistency controls.
- Collaborated on hybrid projects involving human-in-the-loop AI systems to refine machine learning outputs.
- Delivered exceptional customer service by troubleshooting hardware and software issues, achieving a 95% satisfaction rate from client feedback within 3 months.

- Led the integration of Node.js with decentralized applications, creating a seamless user experience that facilitated real-time data access and improved overall system performance.
- Leveraged analytical skills to clarify complex concepts for clients, resulting in improved customer satisfaction and a more efficient support process.

## Sawft Empire

01/2017 – 01/2019

### Web Marketing Consultant

Abuja, NG

- Developed and implemented online marketing strategies that boost the company's digital presence.
- Analyse web traffic, optimise SEO and PPC campaigns.
- Utilized experience in customer support to address inquiries and resolve issues promptly, enhancing customer satisfaction and fostering strong relationships.
- Documented and streamlined customer inquiries related to Shopify, improving the knowledge base and enabling faster resolutions for future issues.

## EDUCATION

### B.Sc in Software Engineering

The African Leadership University

Kigali • 01/2027

Relevant Coursework: DSA, Web Development, Software Project Management, and Database Systems.

### Bachelor of Science in Computer Science

Nassarawa State University

Keffi, Nassarawa • 01/2013

## PROJECTS

### Eidolon Protocol

01/2026 – Present

Oneroad

**Role:** Lead Blockchain Architect & Full-Stack Engineer **Date:** Jan 2025 – Present **Scope:** Sole architect of a novel DeFi protocol leveraging Uniswap v4 Hooks. Responsible for the entire stack: Smart Contracts (Solidity/Assembly), Off-chain Infrastructure (Node.js/Redis), and Frontend (Next.js/Wagmi).

**Project Description:** Pioneered "Quantum Liquidity," a Just-In-Time (JIT) liquidity primitive that decouples asset custody from market making. The system utilizes off-chain intents to programmatically "summon" idle user funds into a liquidity pool only for the duration of a profitable transaction.

#### Measurable Results:

- **Innovation:** successfully engineered a custom **Uniswap v4 Hook** that integrates **Permit2 Witness** signatures, enabling atomic liquidity provisioning and withdrawal within a single transaction block.
- **Performance:** Built a high-frequency "Medium" bot using **Node.js and Redis** that monitors the mempool and executes JIT bundles with sub-millisecond latency.
- **Efficiency:** Achieved **~50x theoretical capital efficiency** by allowing a single wallet balance to underwrite liquidity across multiple pools simultaneously without locking funds (Zero-TVL).
- **Security:** Implemented a non-custodial "Flash Accounting" settlement logic with strict solvency checks, ensuring zero risk of fund loss for liquidity providers.

**Feedback:** Commended by peer reviewers for the advanced implementation of "Witness Data" validation and the creative application of Flash Accounting to solve passive Impermanent Loss.

### Reflex LI

01/2026 – 04/2026

#### Reflex Micro Insurance | Lead Developer

- Architected a decentralized micro-insurance protocol using Solidity to automate parametric claim settlements.
- **Integration Focus:** Successfully integrated Chainlink Oracles to trigger payouts based on external data feeds, ensuring high-fidelity data bridge connectivity.
- **Support & Documentation:** Developed a developer SDK and technical documentation suite to help partners integrate the insurance layer into their own dApps.

## OneRoad Web3 Marketplace Platform

- Built a decentralised marketplace platform enabling peer-to-peer transactions with integrated wallet connectivity
- Implemented multi-chain support for Ethereum and Solana networks with automatic network switching functionality
- Developed smart contracts in Solidity for secure on-chain transaction handling and data storage
- Created a comprehensive documentation system and user onboarding flow for Web3 accessibility

## Custom Data Indexer and Automation Suite

- Built a robust scraping engine using Vibecode and Apify to monitor real-time changes across interactive web platforms
- Implemented a validation layer that automatically flags inconsistencies in hierarchical datasets
- Processed and normalised over 12 records with automated quality assurance checks

## Smart Contract Data Integration

- Developed Solidity contracts to handle on-chain data storage, utilising off-chain scraping scripts to feed verified information into the protocol
- Created a bridge between traditional web data sources and blockchain-based storage solutions
- Implemented data verification mechanisms to ensure the integrity of on-chain records

## VOLUNTEERING & LEADERSHIP

### Solana Rwanda

Team member

Actively involved in growing the local Web3 ecosystem through developer meetups, workshops, and blockchain education initiatives.

### ChainbaseHQ

Moderator

leading community engagement efforts, hosting educational sessions, and promoting adoption of on-chain data tools within African developer networks.

## PUBLICATIONS

### Reflex Intro Deck

02/2026

Reflex Dev

designed a presentation intro deck for Reflex Parametric Insurance platform

<https://docs.google.com/presentation/d/1RAQHrFVr9NHC1st8C7FdOXr4fHUsxcsug20wHwEC8Ak/present>

## SKILLS

Articles, Banking, Branding, business English communication, Client support, Coding, Computer Hardware, Cross-selling, Customer inquiries, Customer relationships, Customer Satisfaction, Customer Support, Data Visualization, DeFi Protocols, Development initiatives, Development of our employees, Employee development, Enterprise, Ethers.js, Evolving product, Graphic Design, HTML & CSS, Lesson Planning, Levelling, Microsoft office, Multi-chain Support (Ethereum/Solana), NFTs, NodeJS, Payments, Positioning, powerpoint presentation, Product roadmap

**Technical Skills:** AI Agent Orchestration, Apify, API Integration, AWS, CSV, Data Normalisation, Decentralised Data Indexing, Discord, Docker, ETL Pipelines, Git/GitHub, Google Sheets API, Handling AJAX/Infinite Scroll, html & css, JavaScript, JSON, Linux CLI, LLM Integration, Next.js, Node.js, OpenRouter, Playwright, Postman, powerpoint presentation, Prompt Engineering, Proxy Management, Python (BeautifulSoup, Selenium, Scrapy), Redis, SDK Support, Slack, Smart Contract Development (Solidity), SQL, Technical Documentation (Knowledge Base), Telegram, Troubleshooting, typescript, Validation Checks, Vibecode Specialist

**Soft Skills:** Adaptability & Flexibility, Coaching & Mentoring, Communication Skills (Verbal & Written), Conflict resolution and negotiation, Creative problem-solving and adaptability, Critical Thinking, Cross-Cultural Communication, Cross-functional Collaboration, Emotional Intelligence, Exceptional communication, Feedback Delivery & Evaluation, Inclusive Teaching Practices, Interpersonal Skills, Leadership & mentorship in multicultural teams, Online Teaching & Virtual Engagement, Partner Relationship Management, Patience & Empathy, Presentation Skills, Problem-Solving, Public Speaking, Self-Motivation, Strong teamwork and collaboration, Technical Communication

**Web3 and Blockchain:** DeFi Protocols, Ethers.js, Multi-chain Support (Ethereum/Solana), NFTs, Smart Contracts (Solidity), Wagmi, WalletConnect

**Tools and Platforms:** adobe, AWS, canva, Discord, figma, Git/GitHub, google stitch, microsoft powerpoint, Next.js, Node.js, Postman, Redis, Slack, Telegram